

CLAIMS

1. An electric motor for electric hand power tools, comprising a housing, a stator received in said housing and having a stator body composed of a plurality of axially abutting lamellas, at least one of said lamellas located in at least one end side end region of said stator body having raised portions which axially extend over a lamella surface, said stator body being clamped between radially extending housing parts in an axially force-transmitting manner.

2. An electric motor as defined in claim 1, wherein said at least one lamella provided with said raised portions is located in each end region of said stator body.

3. An electric motor as defined in claim 2, wherein said at least one lamella in each end region of said stator body is an outwardly located end lamella of said stator body.

4. An electric motor as defined in claim 1, wherein in each end region of said stator body said stator body has several neighboring lamellas provided with said raised portions.

5. An electric motor as defined in claim 4, wherein said lamellas are oriented so that said raised portions are in axial alignment with one another.

6. An electric motor as defined in claim 1, wherein said raised portions are formed by corrugations provided in said at least one lamella.

7. An electric motor as defined in claim 1, wherein said raised portions are formed by notches provided in said at least one lamella.

8. An electric motor as defined in claim 1, wherein said raised portions in said at least one lamella are formed as punched and bent cuts in said at least one lamella.

9. An electric motor as defined in claim 1, wherein said radially extending housing parts are formed in an interior of said housing and on a bearing flange which receives a rotor shaft, that is axially placed on said housing and connected with the latter in a force-transmitting manner.

10. An electric motor as defined in claim 8; and further comprising a force-transmitting connection selected from the group consisting of a screw connection, a rivet connection, and both.

11. An electric motor as defined in claim 9, wherein one of said housing parts is a ring-shaped radial abutment shoulder which is formed on

said housing, while another of said housing parts is formed as a ring web which extends in an end surface of said housing and projects from said bearing flange.